

Converting Colors

XYZ(80.4420, 69.0143, 24.1935)

Have a look what the booklet for
XYZ(80.4420, 69.0143, 24.1935)
contains.

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Color

**XYZ(62.9589, 60.1070,
23.3224)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC06F
RGB	255, 192, 111
RGB Percent	100%, 75%, 44%
CMY	0.0000, 0.2470, 0.5647
CMYK	0.00, 0.25, 0.56, 0.00
HSL	34°, 100%, 72%
HSV	34°, 56%, 100%
XYZ	62.9589, 60.1070, 23.3224
YIQ	201.6030, 63.5490, -11.8350

Conversions

Conversions Part 2

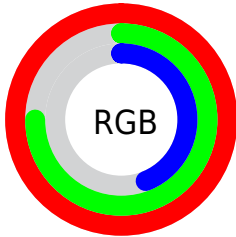
Format	Color
R_{YB}	223, 255, 111
Decimal	16760943
CIE _{Lab}	81.90, 13.89, 49.12
CIE _{LCh}	82, 51.047, 74.212
Yxy	60.1070, 0.4301, 0.4106
Android (android.graphics.Color)	4294951023 (0xFFFFC06F)
YUV	201.6030, -44.6673, 46.8292
Hunter-Lab	77.5287, 9.2796, 36.4343

Details

The XYZ color **62.9589, 60.1070, 23.3224** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **39.7408, 40.8698, 100.4014**, and the grayscale version is **56.1347, 59.0580, 64.3142**.

A 20% lighter version of the original color is **81.5082, 91.0751, 48.4053**, and **32.5539, 30.3936, 8.4257** is the 20% darker color. If you saturate the color by 10%, you get **59.3933, 54.9113, 16.1679**, and if you desaturate by 10%, it is **67.1138, 65.8402, 32.6513**.

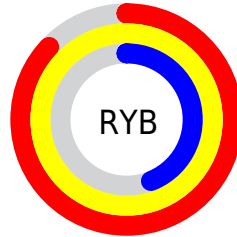
Distribution



Red (100%)

Green (75%)

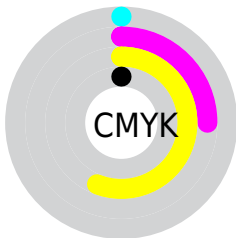
Blue (44%)



Red (87%)

Yellow (100%)

Blue (44%)

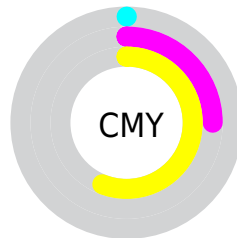


Cyan (0%)

Magenta (25%)

Yellow (56%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.9589, 60.1070, 23.3224 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 62.9589, 60.1070, 23.3224 by changing the saturation by 10% instead.


 62.9589, 60.1070,
23.3224

 62.9589, 60.1070,
23.3224


425.0823,
424.9921, 282.5520


 46.0665, 43.5049,
14.6242


 108.1924,
104.9849, 49.8521


 32.5031, 30.2815,
8.4124


 137.2641,
134.0294, 68.5206

 21.9035, 20.0523,
4.2684


 171.1264,
167.9902, 91.3497

 13.9022, 12.4331,
1.7737

 210.1444,
207.2517, 118.7578

 8.1339, 7.0393,
0.4105

254.6837,
252.1982, 151.1636

 4.2333, 3.4867,
0.0000

305.1096,

 1.8349, 1.3908,

303.2142, 188.9855

0.0000

361.7873,
360.6840, 232.6422

■ 0.5386, 0.2099,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.9589, 60.1070,
23.3224

■ 62.9589, 60.1070,
23.3224

■ 59.3933, 54.9113,
16.1679

■ 67.1138, 65.8402,
32.6513

■ 56.3734, 50.2220,
10.9979

■ 71.8885, 72.1224,
44.3155

■ 53.8553, 46.0172,
7.5954

■ 77.3164, 78.9754,
58.4648

■ 51.7830, 42.2674,
5.6877

■ 83.4267, 86.4169,
75.2352

51.1297, 41.0396,
5.2266

90.2469, 94.4637,
94.7529

95.0498, 99.9999,
108.9000

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.3171, 60.1070, 32.1582



62.9589, 60.1070, 23.3224



52.1893, 60.1070, 23.1105

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.9589, 60.1070, 23.3224



39.2956, 60.1070, 81.1339



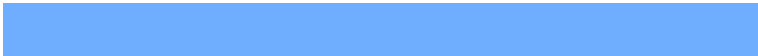
72.8418, 60.1070, 117.9011

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



62.9589, 60.1070, 23.3224



39.7408, 40.8698, 100.4014

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



62.3729, 60.1070, 141.5347



62.9589, 60.1070, 23.3224



43.5200, 60.1070, 116.1992

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.9589, 60.1070, 23.3224



39.4107, 60.1070, 50.5831



51.6723, 60.1070, 140.8289



79.4943, 60.1070, 82.9684

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.9589, 60.1070, 23.3224



46.2472, 60.1070, 27.5986



51.6723, 60.1070, 140.8289



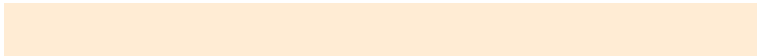
69.5985, 60.1070, 127.8569

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



62.9603, 60.1099, 23.3236



83.0854, 86.0076, 74.2782



54.7413, 35.7560, 44.9876



17.5105, 18.0803, 15.1373



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.9603, 60.1099, 23.3236



58.8970, 54.1614, 15.2531



77.2696, 92.5873, 28.8382



18.8572, 19.6826, 18.9496



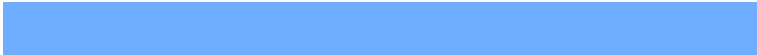
26.8678, 21.7469, 2.7815



2.7248, 2.3350, 0.3071

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



39.7408, 40.8698, 100.4014



33.6291, 33.2642, 99.2559



31.2333, 22.4550, 97.2954



17.6568, 18.6852, 22.9259



12.5758, 10.0612, 50.7138



1.3309, 1.1925, 4.9733

Previews

White Background



This preview shows how the XYZ color 62.9589, 60.1070, 23.3224 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 62.9589, 60.1070, 23.3224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

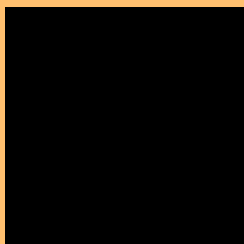
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.9589, 60.1070, 23.3224

Background



This preview shows how black text looks on a background with the XYZ color 62.9589, 60.1070, 23.3224.



This preview shows how white text looks on a background with the XYZ color 62.9589, 60.1070,

23.3224.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

62.9589, 60.1070, 23.3224

Protanopia

55.4278, 60.2708, 24.9317

Deuteranopia

61.5306, 60.0334, 23.0964



Tritanopia

68.6670, 59.9891, 60.7832

Trichromacy



Original Color

62.9589, 60.1070, 23.3224

Protanomaly

57.9525, 60.1856, 24.4822

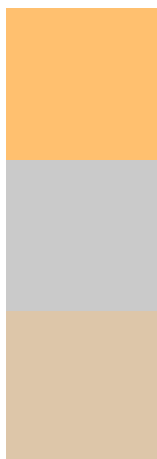
Deuteranomaly

62.0293, 59.9612, 23.0562

Tritanomaly

66.1062, 59.9796, 44.1694

Monochromacy



Original Color

62.9589, 60.1070, 23.3224

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.1743, 58.6249, 45.8384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9589, 60.1070, 23.3224 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 192, 111)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 111)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 192, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 111) }
```

Border

The CSS property to change the border of an element to XYZ 62.9589, 60.1070, 23.3224 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 192, 111) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 192, 111) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 192, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 111);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9589, 60.1070, 23.3224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 111) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
192, 111) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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